

## ATTACHMENT L – 7 - COST ASSUMPTIONS/INFORMATION

For cost proposal preparation purposes, the contractors shall use the following assumptions and cost information:

### General –

For proposal preparation purposes, the contractor shall assume it will not be required to decontaminate any GFP equipment, materials, and supplies at the end of this task order. The contractor will be required to decontaminate it's contractor owned equipment, materials, and supplies at the end of this task order

#### 1. PWS C.2.2 – Facility/Ground Maintenance

During the course of this task order, the contractor will have to perform facility and ground maintenance associated with infrastructure at Moab and Crescent Junction. The contractor shall assume a cost of \$250,000 per fiscal year.

#### 2. PWS C.2.3 – Excavation and Handling at Moab

During the course of the task order, contractors may have to perform work associated with off-pile soils and VP Soils; however, for proposal preparation purposes the contractors shall assume no cost for off-pile and VP soils during this task order period.

#### 3. PWS C.2.4 – Demolition of Man-Made Structures

During the course of the task order, contractors may have to perform work associated with demolition activities of man-made structures; however, for proposal preparation purposes the contractors shall assume no cost during this task order period.

#### 4. PWS C.2.3.1 – Excavation of RRM

- a. The Contractor shall assume excavation quantities, in tons, as follows:

FY 1	FY 2	FY 3	FY 4	FY 5	Total
487,500	650,000	650,000	650,000	650,000	3,087,500

- b. The excavation quantity includes all RRM (including the 110,160 tons of debris). The Moab excavated quantity shall be the same as the placed and compacted tons at Crescent Junction. All excavation quantities from Moab and placed quantities at Crescent Junction shall be in tons. For quantities required to be identified by weight, the contractor shall use the following factors to convert cubic yards to weight:

Waste Stream  
RRM

Conversion Factor  
131 lbs/cubic foot

- c. Contractor shall assume all 36,000 cubic yards of the Former Atlas Mill Debris will be excavated and shipped to Crescent Junction via truck. The constituents of the 36,000 cubic yards are as follows:

	<u>Volume (cy)</u>	<u>Weight (tons)</u>	<u>Density (lbs/cf)</u>
Concrete	12,000	25,920	160
Wood	12,000	11,340	70
Rebar/metal	12,000	72,900	450
TOTAL	36,000	110,160	

- d. For proposal preparation purposes, the contractor shall assume that all containers require the use of plastic liners at all times. The liners are 2.5 mil poly sheeting.

#### 5. PWS C.2.5 – Transportation

- a. The contractor shall assume the following maximum capacities and limitations for rail transportation:

##### Weight of Containers with Lid

- Shorts – 8,260 lbs
- Talls – 9,450 lbs

##### Pay Load Capacity of Containers (material only)

- Shorts – 65,840 lbs
- Talls – 79,250 lbs

Total Rail Car Weight Limits (Containers and material) is 325,600 lbs (162.8 tons)

- b. The contractor shall assume \$50,000 per year for maintaining and performing repairs, as necessary, to the rail line at the Brendel (Crescent Junction) and EmKay (Moab) site.
- c. The contractor shall assume \$80,000 per fiscal year for the cost of a lease with UP for the use of the EmKay, UT property/facility.
- d. The contractor shall assume a lease cost of \$1,300 per rail car per month.

#### 6. PWS C.2.6. Crescent Junction Operations.

##### PWS C.2.6.1 – Disposal Cell Placement and Compaction

- a. The fixed unit rate shall include dedicated Crescent Junction project support personnel or activities that are specifically related to the Crescent Junction Operations (e.g., CJ Security, dedicated radiological support, etc.).
- b. The contractor shall assume the following conditions and quantities at Crescent Junction at the beginning of this performance period:

- Phase 1 – complete with Phase 1 final cover installed.
  - Phase 2 – excavation complete and placement of RRM ongoing.
  - Contractor shall not assume any cover material stockpile at the onset or the end of the contract.
- c. The contractor shall assume \$50,000 in fiscal year 3 for Phase 3 design activities.
- d. The contractor shall assume \$10,000 per fiscal year for the maintenance the Construction Water System, including the Green River pipeline and pond at Crescent Junction.

#### PWS C.2.6.2 – Disposal Cell Interim Cover

- e. CLIN 0004 - The contractor shall assume that the interim cover is material currently available in place on-site at the Crescent Junction site. Construction costs associated with the Phase 3 disposal cell shall not be included, however, the contractor shall assume 81,105 cubic yards will need to be excavated and placed to complete the entire Phase 2 interim cover. The contractor shall assume the Phase 2 interim cover will be started and completed during fiscal year 4. CLIN 0004 will require additional funding above the profile specified in Section B.6 of \$129.25M. The contractor shall calculate the fixed unit rate using the 81,105 cubic yards.

#### PWS C.2.6.3 – Disposal Cell Final Cover

- f. CLIN 0005 - The contractor shall assume that the final cover material associated with the radon barrier and frost protection layers is currently available in place on-site at the Crescent Junction site. Construction costs associated with the Phase 3 disposal cell shall not be included, however, the contractor shall assume 648,635 cubic yards will need to be excavated and placed to complete the entire Phase 2 final cover. The contractor shall use the provided cost per cubic yard for the material quantities for the bio-intrusion and cap rock. The contractor shall assume the Phase 2 final cover will be started and completed during fiscal year 5. CLIN 0005 will require additional funding above the profile specified in Section B.6 of \$129.25M. The contractor shall calculate the fixed unit rate using the 648,635 cubic yards.

Cover Layer	Quantity (cubic yards)	Cost (cubic yard)
Radon	324,418	
Bio-intrusion	40,552	\$62.06
Frost protection	243,313	
Cap rock	40,352	\$ 62.06
Total	648,635	

7. The contractor is to assume the following list of equipment will be purchased/leased by the contractor and amortized over the life of the task order.

Item	Description	Quantity	Total Amount
a.	Chassis Trailers for Sterling Trucks	8	\$100,658
b.	Waste Containers (238 ½"L X 102"W X 78"H)	183	\$746,328
c.	Waste Containers (238 ½"L X 102"W X 102"H)	160	\$746,328
d.	Gantry Crane	1	\$703,055
e.	Reach Stackers (Linde) (3 at Moab, 1 at CJ)	4	\$1,100,495
f.	Sterling Haul Trucks	8	\$379,925
g.	Komatsu HM 400-2 Articulating Trucks	4	\$705,222
<b>TOTAL</b>			<b>\$4,482,011</b>

The contractor shall assume for proposal preparation purposes a fiscal year 1 cost of \$707,675 and fiscal year 2-5 cost of \$943,584 for each year and shall be included as part of its proposal in CLIN 0002.

All equipment listed in Attachment L-7, Item 7, is to be purchased/leased under CLIN 0002. All other purchased/leased equipment used at the Moab site shall be included as part of the proposal under CLIN 0002. All purchased/ leased equipment used at the Crescent Junction site shall be included as part of the proposal under CLIN 0003.

8. PWS C.2.7 – Project Support

The contractor shall assume personnel, resources, and activities shared between the Moab Site and Crescent Junction shall be placed in CLIN 0002 (e.g., Key Personnel, etc.).